



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Innovative Window Concepts, LLC
1801 Corporate Drive
Boynton Beach, FL 33426

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4030/4031/4062" Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-50**, titled "Series S-4030/4031/4062 Alum. Outswing Casement Wdw.", sheets 1 through 4 of 4, dated 09/23/09, with revision A dated 01/12/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-1105.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date:
7/4/12/12

NOA No. 12-0216.04
Expiration Date: February 17, 2015
Approval Date: April 19, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-50**, titled "Series S-4030/4031/4062 Alum. Outswing Casement Wdw.", sheets 1 through 4 of 4, dated 09/23/09, with revision A dated 01/12/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of aluminum out swing casement windows, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF 0128.01-09**, dated 10/01/09, signed and sealed by William R. Mehner, P.E. and Edmundo J. Largaespada, P.E.
(Submitted under previous NOA#09-1105.03)

C. CALCULATIONS


1. Anchor calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 10/16/09, signed and sealed by Arshad Viqar, P.E.
(Submitted under previous NOA#09-1105.03)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0216.04
Expiration Date: February 17, 2015
Approval Date: April 19, 2012

Innovative Window Concepts, L.L.C.


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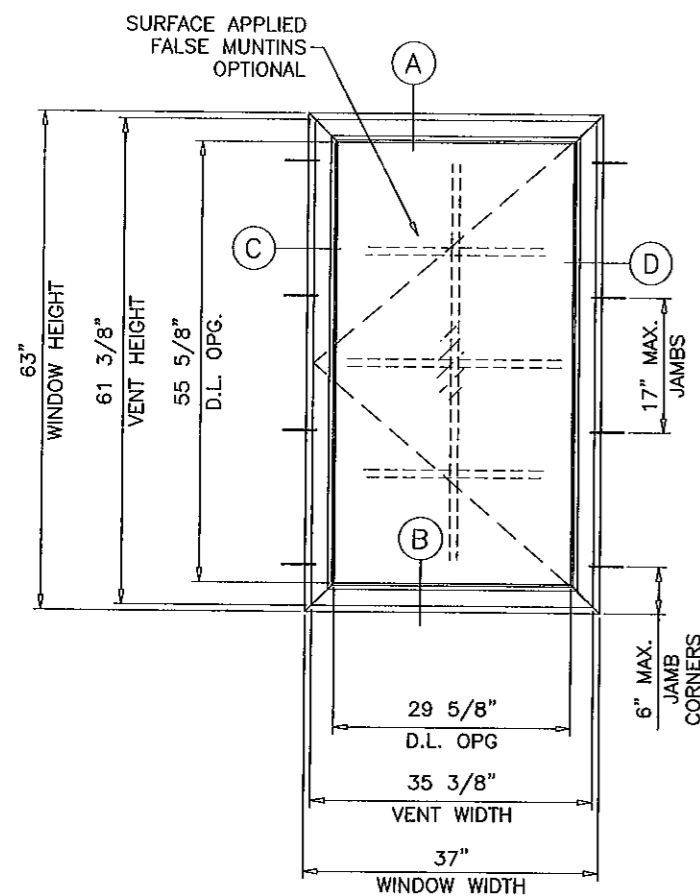
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated January 13, 2012, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report no. **ATLSF 0128.01-09**, issued by American Test Lab of South Florida, Inc., dated October 01, 2009, signed and sealed by William R. Mehner, P.E. and Edmundo J. Largaespada, P.E.
(Submitted under previous NOA#09-1105.03)

G. OTHER

1. Notice of Acceptance No. **09-1105.03**, issued to Innovative Window Concepts, LLC for their Series "S-4000/4031 & 4062" Outswing Aluminum Casement Window – L.M.I., approved on 02/17/10 and expiring on 02/17/15


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0216.04
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Approval Date:



TYPICAL ELEVATION

SERIES 4030/4031/4062

ALUMINUM OUTSWING CASEMENT WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OR CASEMENT WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

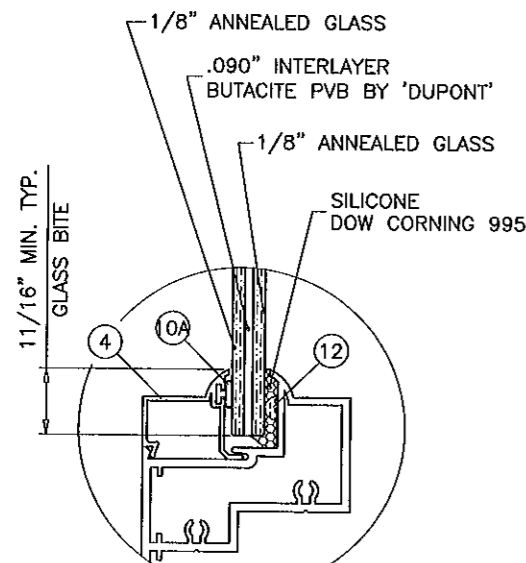
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

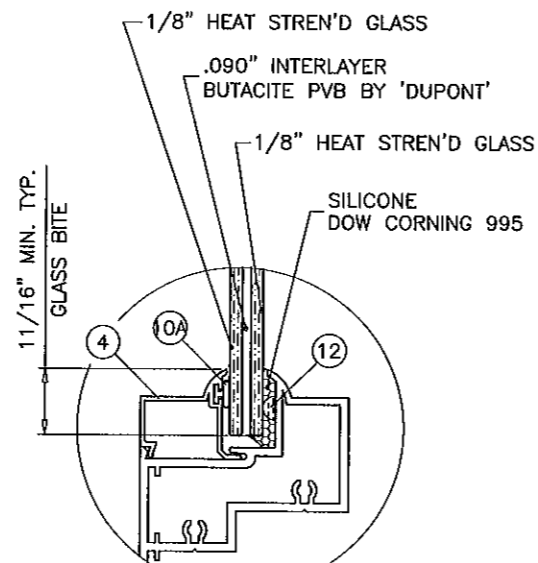
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



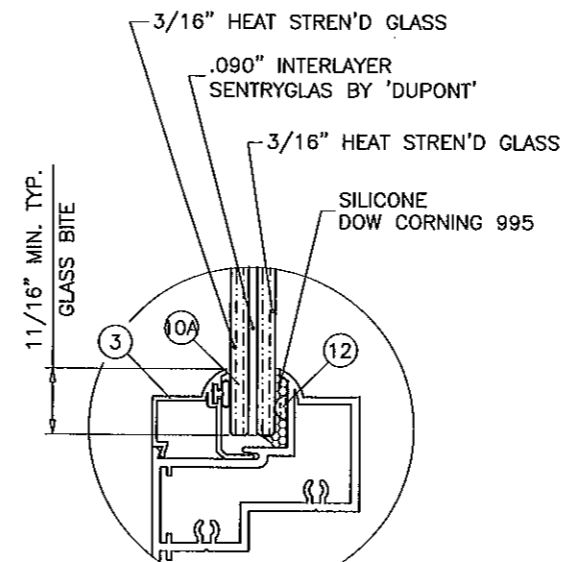
SERIES 4030

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 65.0 PSF
SERIES 4030



SERIES 4031

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF
SERIES 4031



SERIES 4062

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 95.0 PSF
SERIES 4062

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JAN 6 2012

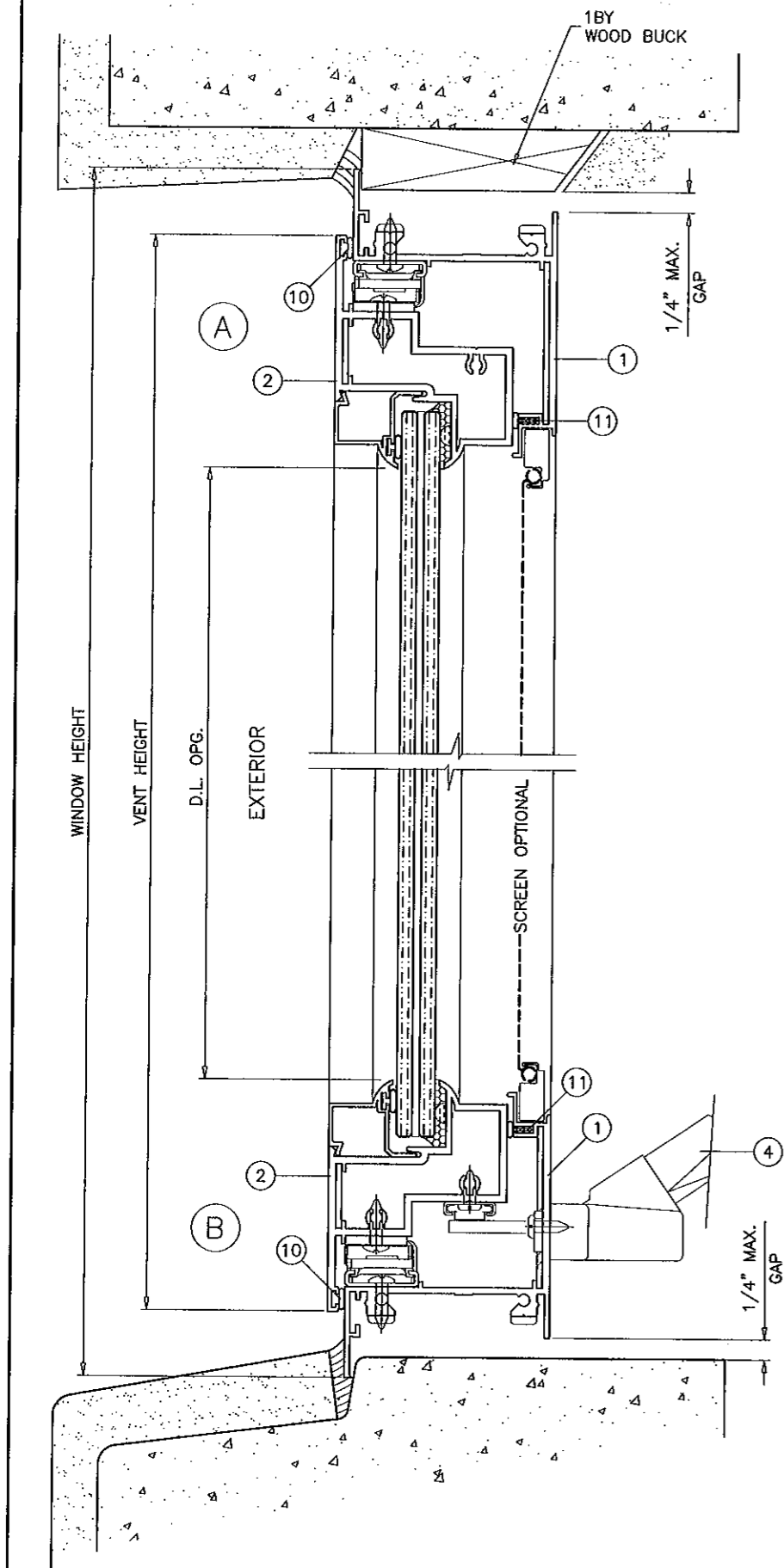
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0216.04
Expiration Date FEB. 17, 2015
By: *[Signature]*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W09-50WC

S-4030/4031/4062 ALUM OUTSWING CASEMENT WDW.
INNOVATIVE WINDOW CONCEPTS, LLC
1801 CORPORATE DRIVE
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

Revisions:		date	by	description
no.	date	by	description	
1	01.12.12	A	UPDATED TO 2010 PEC	
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dr. by: HAMID
chk. by:
drawing no.
W09-50
sheet 1 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	021-048	4/	WDW. FRAME HEAD, SILL, JAMB	6063-T5	-
2	022-035	4/	WDW. SASH TOP, BOT, VERTICAL	6063-T5	-
3	021-040	4/	SASH 7/16 GLAZING BEAD	6063-T5	-
4	021-034	4/	SASH 5/16 GLAZING BEAD	6063-T5	-
5	021-049	2/	WDW. CANTELEVER PLATE, 3" LG	6063-T5	AT ANCHOR LOCATION
6	021-050-1	1/	CORNER FRAME CORNER KEY	6063-T5	-
7	021-050-2	1/	CORNER SASH CORNER KEY	6063-T5	-
9	021-011	AS REQD.	SILICONE	DOW 995	DOW
10	023-005	AS REQD.	FOAM FILLED BULB VINYL-32005 @ SASH	-	AMESBURY (HEAD/JAMBS)
10A	015-001	AS REQD.	GLAZING VINYL	-	MASTER TOOL
11	023-004	AS REQD.	FOAM FILLED BULB VINYL-12032 @ FRAME	-	AMESBURY
12	015-006	AS REQD.	1/8" DIA. GLASS SPACER	ACRYLIC	FRANK LOW RUBBER
15	008-014	2/	CORNER #8 X 1 PHPH SMS ST/ST	ST/ST	CORNER ASSEMBLY SCREWS
17	40978	-	KEEPER	ULTRA	(4) ULTRA
18	#8X1 PHSH SMS	-	KEEPER FASTENER	ST/ST	(8)
19	C0592	AS REQD.	SNUBBERS SET	ST/ST	ULTRA
20	#8X1 PHSH SMS	2/	SNUBBER SNUBBER FASTENER	ST/ST	-
21	31678	-	HANDLE (1)	-	ULTRA
22	#10-32 MS SELF TAP	-	HANDLE FASTENER (2)	ST/ST	-
23	57750	-	OFFSET (1)	ST/ST	ULTRA
24	15026R1	-	CRANK HANDLE (1)	-	ULTRA
25	8300	-	SLIDE BAR W/GUIDE	6063-T5	(4) PIN ADVANTAGE MFG
26	#10-32 MS SELF TAP	-	SLIDE BAR FASTENER	ST/ST	(8)

HARDWARE PACKAGE 'A' EGRESS			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53703	SINGLE ARM OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)	ST/ST	
91023	TRACK (1)	ST/ST	ULTRA
#8X1/2 UC SS	TRACK FASTENER (2)	ST/ST	
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
5012LR	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X5/8" TEX (5)	HINGE FASTENER (10)	ST/ST	

HARDWARE PACKAGE 'B' WASHABILITY DUAL ARM			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53564	DUAL ARM OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)	ST/ST	
C0314	TRACK (1)	ST/ST	ULTRA
#8X1/2" UC SS	TRACK FASTENER (2)	ST/ST	
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
10558.XX	STUD BRACKET		TRUTH
008-A0-010	STUD BRACKET FASTENER	ST/ST	#8X1/2" UCFCSS SS
4110	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X3/4" TEX (5)	HINGE FASTENER (10)	ST/ST	

HARDWARE PACKAGE 'C' WASHABILITY DYAD			
PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
53638	DYAD OPERATOR (1)		ULTRA
#10X1" FH PH SMS	OPERATOR FASTENER (4)		
65203	OPERTOR SHIM (1)	RIGID PLASTIC	ULTRA
10558.XX	STUD BRACKET		TRUTH
008-A0-010	STUD BRACKET FASTENER	ST/ST	#8X1/2" UCFCSS SS
4110	HINGE (2)	ST/ST	ADVANTAGE MFG
#10X3/4" TEX (5)	HINGE FASTENER (10)	ST/ST	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0216-04
Expiration Date Feb 17, 2015
By *Mamunur Raza*
Miami Date Product Control

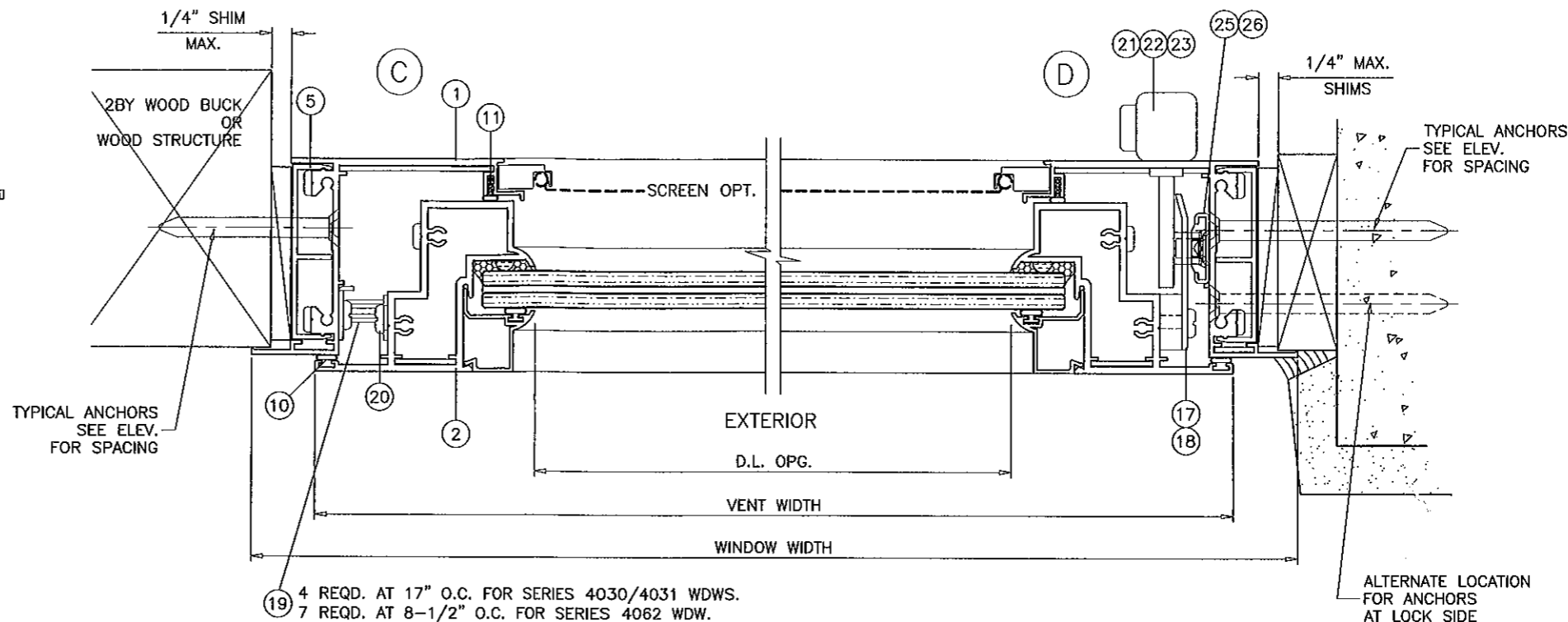
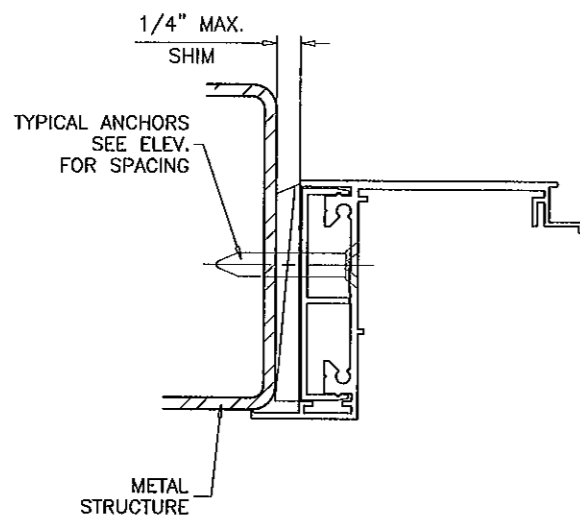
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AL-FAROOQ CORPORATION
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revisions:	no	date	by	description
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scale:	1/2" = 1"			
dr. by:	HAMID			
chk. by:				
drawing no.	W09-50			
sheet	2 of 4			



WOOD BUCKS AND METAL STRUCTURE NOT BY I.W.C. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

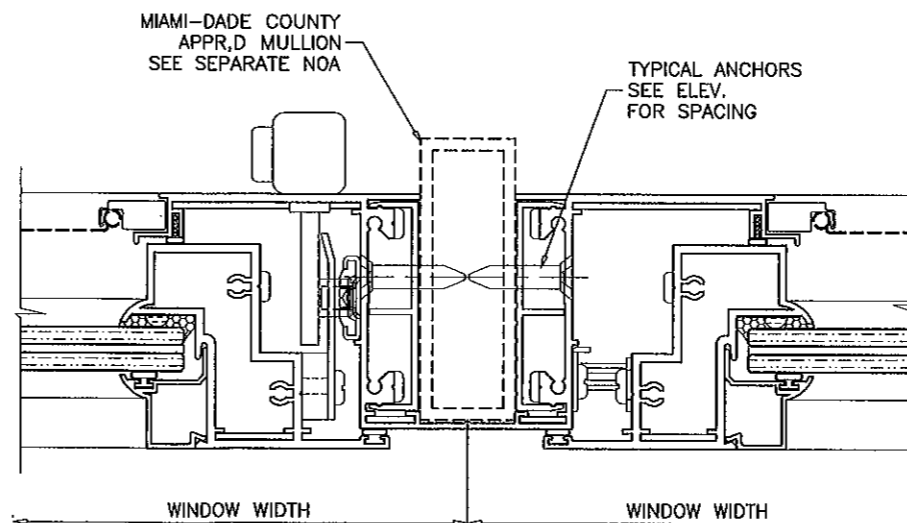
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
SCHNEE MOREHEAD SEAM SEALER SM5504.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

JAN 18 2012

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By *Mamun Siraj*
Miami Dade Product Control

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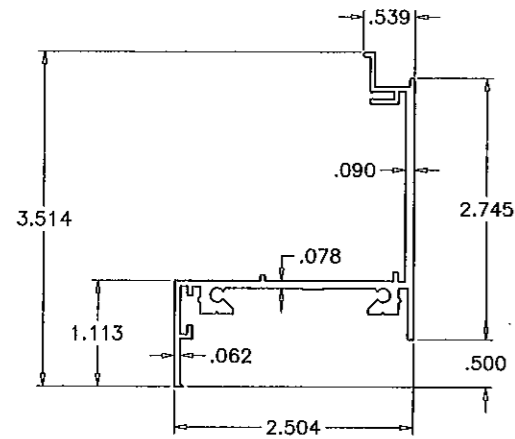
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ENGINEERS & PRODUCT DEVELOPMENT
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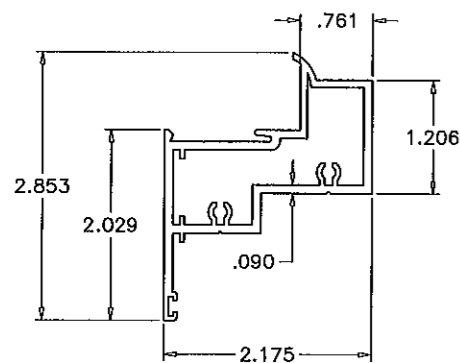
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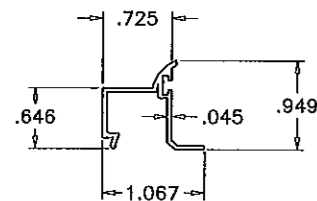
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sheet 3 of 4



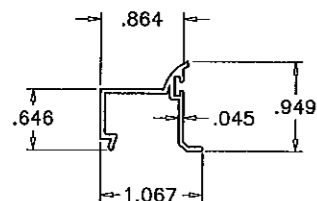
① FRAME HEAD/SILL/JAMB



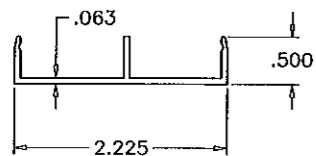
② SASH TOP/BOTTOM/VERTICAL



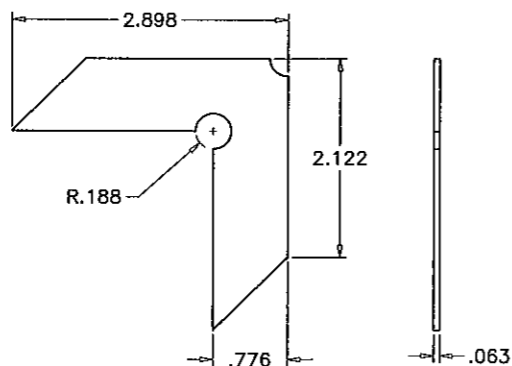
③ 7/16" GLAZING BEAD



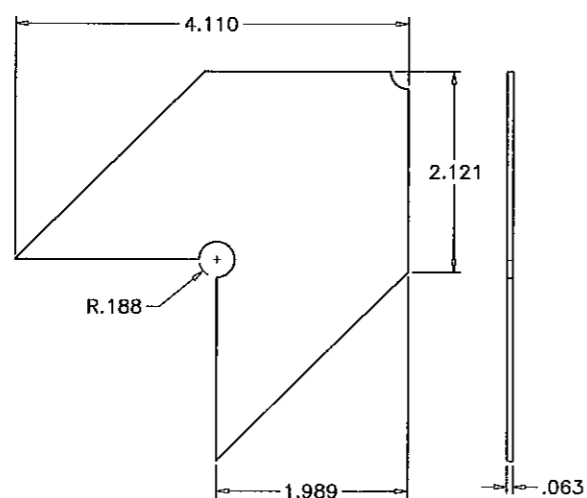
④ 5/16" GLAZING BEAD



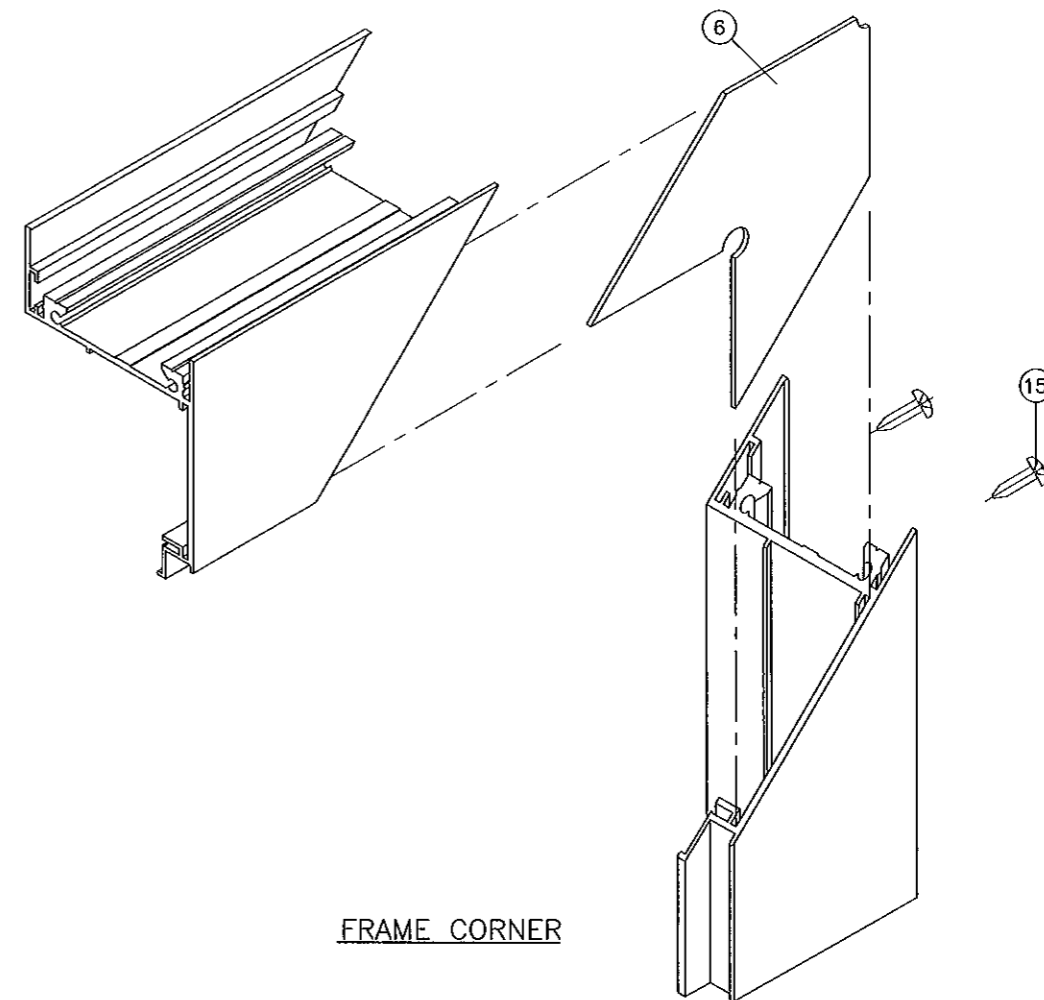
⑤ CANTILEVER PLATE



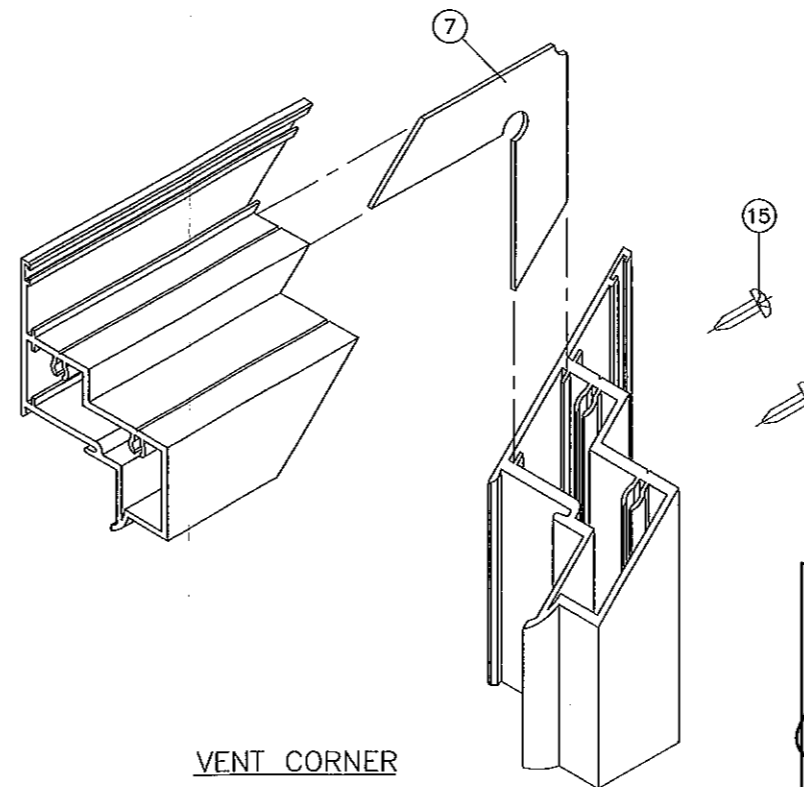
⑦ SASH CORNER KEY



⑥ FRAME CORNER KEY



FRAME CORNER



VENT CORNER

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

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By *Manuel Perez*
Miami/Dade Product Control

afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
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sheet 4 of 4